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SECURITY INFORMATION
CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY Germany (Russian Zone)

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SUBJECT Turbine Production

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1. The chief producer of turbines in the Russian occupied Zone is at present the VVB EKM Turbinenfabrik Dresden (formerly Brückner und Kanis).
2. The Turbinenfabrik Dresden is currently producing turbo-dynamos and turbo-feeding pumps, all of which are to be installed in the Russian vessel S.S. SOVERSKI SOYUZ, at present in Warnow-Werft Warnemünde.
3. This factory has also produced one gas turbine of 2,000 hp which has been sent to the USSR. The production of gas turbines has now terminated because of raw material shortages.
4. In the blueprint stage are the following projects:
 - a. Various types of 500 hp turbines to be developed on behalf of the Russian and Polish authorities.
 - b. One 2,000 - 2,500 hp exhaust steam turbine, combined with a reciprocating engine (Abdampf-Turbine kombiniert mit Kolbenmaschine). This is being developed on behalf of the Russian and Polish authorities. It is hoped, provided the steel is available, that production will begin in about 18 months.
5. Considerable difficulties are being experienced by this factory in obtaining suitable material for blades and turbine rotor shafts. A certain amount of material has been promised by Czechoslovakia, but this, added to the resources of the factory, will still not be enough to meet the Russian and Polish demands.
6. The EKM Bergmann-Borsig VEB at Berlin-Wilhelmsruh, and the EKM Elbe-Werk Rossau, are also to produce turbines. As the turbines are still in the blueprint stage, production is not likely to start until early 1952.

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